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TECHNICAL FACILITIES OF WHAV

Besides a good sized studio and a small control room, the Haverford CoLlege Radio Station also has available space for a workshop and an office. A four channel mixer is used to combine the outputs of two mikes and two phonographs. A switching arrangement on one of the phono channels makes it available for remote programs. Two crystal mikes and two 78 rpm. turntables and pickups are used for programming. No volume indicator is in use at present, instead two monitor speakers are used, one fed from the transmitter modulator, and the other from a receiver tuned to the transmitter and earphones. Monitoring signals are provided the control man. A telephone line amplifier is used to sedd signals to Bryn Mawr College two miles away over rented phone lines. As this line is quite short, it has good transmission characteristics up to 4000 cycles and so is not equalized. Four amplifiers with various output levels may be borrowed for use on remote broadcasts. Each amplifier has at least two mike inputs. Three additional crystal mikes can be obtained for remote work. Cue signals are obtained by portable radio or by feeding the Bryn Mawr amplifier into the remote line. A 15 watt transmitter on 580 kc using a crystal for frequency control feeds r.f. to three dorms. R.F. is fed over twisted pair from acoupling device to 110 volt ac lines in the buildings.